ENGINEERING DEPARTMENT

BANGALORE DIVISION.

Notification dated 14th October 1938.

1. Sealed tenders will be received at the Office of the Executive Engineer, Bangalore Division, up to 2 P.M. on 11th November 1938, for restoring the breached tank called as Subedarkere of Kadu Jakkasandra Village of Kankanhalli Taluk.

2. Tenders in the prescribed form obtainable from the Office of the Executive Engineer, Bangalore Division, should be addressed to the Executive Engineer, Bangalore Division, in a sealed cover and superscribed as "Tender for restoring the breached Tank called as Subedarkere of Kadu Jakkasandra Village, Kankanhalli Taluk." The name of the tenderer should also be superscribed on the top of the cover.

3. Each tender must be accompanied by a duplicate challan for having credited into the treasury the deposit of Rs. 450 (in words) rupees four hundred and fifty only in cash or Government Promissory Notes or Mysore Government Bonds, duly endorsed at face value or market value, whichever is less, as earnest money. The earnest money of the successful tenderer will be retained as security deposit for due fulfilment of the contract. Such a deposit in cash will not carry any interest.

4. The tenders will be opened in the presence of such tenderers who wish to be present on 11th November 1938 at 3 P.M. The final acceptance of the tender will rest with the Superintending Engineer, who does not bind himself to accept the lowest or any tender, or to assign any reason whatever for the rejection of any.

5. The name of the successful tenderer will be posted on the Notice Board in the Executive Engineer's Office in due course. Within eight days of the acceptance of the tender, the successful tenderer will be required to execute an agreement in the departmental schedule contract form, for the due fulfilment of the contract, and for the execution of all items of work in accordance with the Bombay specifications (1931).

6. Failure to comply with the condition 5 above or to agree to carry out the work in accordance with the specifications and agreements in force will entail forfeiture of the earnest money.

7. The earnest money of rejected tenders will be returned on submission of the receipt originally granted, along with an application to the Executive Engineer.

8. Copies of contract documents, schedules and drawings may be seen at any time at the Executive Engineer's Office, Bangalore Division, on all working days between 11 A.M. and 5 P.M., and may be obtained from that officer on payment of Rs. 3 for each.

9. Specific rates should be given for each item in the schedule accompanying the tender and the rates should be in rupees, annas and pies and expressed in words and figures. Tenders offering a percentage reduction on the estimate amount will be rejected.

10. Any rates or lumpsum amounts for the items not called for, if tendered by the tenderer, will not be taken notice of. The rates for such items may be entered in a separate schedule with date and reasons for the same.

11. No alterations which are made by the tenderers in the tender form in the nomenclature of the items of work will be recognised and if corrections are made, the tenders are liable to rejection.

12. There should be no alterations or erasures in the tenders in the rates of items and any corrections made in the rates should be attested to and the number of corrections, if any, in each page noted at the foot of the same by the tenderer.

13. No reference should be made to the Public Works Department schedule of rates.

14. In the event of the tender being submitted by a firm, it must be signed separately and severally by each member thereof, or in the event of absence of any partner, it must be signed on his behalf by a person holding power-of-attorney authorising him to do so.

15. When once the rates tendered have been accepted, they will not be revised under any circumstances. In regard to items of work not tendered, the rates for the same will be calculated by the Executive Engineer, on the basis of current rates for materials and labour with a contractor's profit of 5 per cent as may be approved by the Superintending Engineer. This shall be final and legally binding on the tenderer.

16. The quantities given in the schedule are only approximate and the drawings shown to the contractor are only tentative and are liable to alterations, omissions, deductions or additions, at the discretion of the Executive Engineer or his representative. The tendered rates will hold good for any quantity whether higher or lower than those given in the enclosed schedule.

17. The works should be completed and handed over in a tidy condition to the Public Works Department by the end of October 1939, failing which the Executive Engineer may, at his

discretion, levy a penalty of Rs.....per day, which will ordinarily be calculated at 12 per cent per annum on the total outlay as liquidated damages for non-fulfilment of contract, and will be recovered from the contractor's outstandings for the period exceeded by him beyond the time fixed and until the work is completed and handed over.

18. In all matters of disputes of any kind, not specially provided for in the agreement or of rates, penalties, measurements, quality of work, etc., the decision of the Chief or the Superintending Engineer shall be final and legally binding.

19. No claims for damages for delays caused by officers of the department in the execution of the work will be considered, whatever may be the reasons for such delays. Contractors should bear this in mind when tendering for the work. Extension of time due to delays caused by the departmental officers will however, be considered on the merits of each case.

20. The contract should not be sublet.

21. All materials, tools, plant and machinery that will be supplied by the Executive Engineer, in the interest of the work shall be accepted by the tenderer at the rates fixed by the Executive Engineer. The tenderer will pay the hire on tools and plant and machinery as per rules from the date of taking over of such machinery, tools and plant from the stores to the date of return thereto, the dates considered being the dates of acknowledgments of the vouchers in each transaction.

22. The contractor should arrange for the payment of royalty and tolls.

Note.—(*a*) The contractor should at his own cost—

(1) Provide rods, stakes, ropes and labour required in setting out the works.
(2) Provide all necessary scaffolding, centering, labour and appliances for hoisting
(3) Provide mortar mills and sheds to keep materials under cover and also for workmen.
(4) Arrange for protecting work during inclement weather.
(5) Supply requisite temporary lights, water cisterns, water pumps and hoses, sieves, parahs, shoring, strutting and other requisite protective appliances during the progress of the work.
(6) Supply all water required for work and workmen and shall provide temporary latrines and drains.
(7) Clean away all dirt, rubbish, superfluous materials and debris as they accumulate.
(8) Provide arrangements for pumping and baling of water from excavations and foundations, wherever and wh never necessary with his own pumping apparatus including necessary leading drains, slump pits, etc.
(9) Afford facilities to any other parties employed upon the work by the P. W. D. so that their work may proceed during the progress of the contract, and give such persons the use of ordinary scaffolding and ladders.
(10) The contractor is responsible for all accidents to workmen, etc., on the work, and he must take precaution against all risk of accidents and, if necessary, provide for the same by insurance at the proper time.

Note.—(*b*) It is the business of the contractor to make his own arrangements for quarries and supplies of materials.

Abstract estimate for restoring the breached tank called as Subedarkere of Kadu Jakkasandra Village of Kankanhalli Taluk.

Serial No.	Items of work	Unit	Rate	Quantity	Rate to be quoted in	
					Figures	Words
			Rs. a. p.		Rs.	Rs.
	Bund.					
1	Jungle clearing including removal of roots and cutting grip trenches in the bund for the seat of new earth from C. S. 7 to end	Grade	5 0 0	3½		
2	Clearing jungle in slopes of bund from commencement to C. S. 5 including removing roots	,,	4 0 0	7		
3	Earthwork retaining bund including consolidation with lead and lift ..	C.yd.	0 5 0	4,850		
3*a*	Breached gap and bund portion: Earthwork available from waste weir may be used, only lead, lift and consolidation charges are provided ..	,,	0 3 6	680		
4	Removing sand and silt in breach ..	,,	0 3 0	770		
5	Puddle wall, clay with gravel mixture with side batters, etc., complete with well consolidated	,,	0 12 0	516		

Serial No.	Items of work	Unit	Rate	Quantity	Rate to be quoted in	
					Figures	Words
			Rs. a. p.		Rs.	Rs.
6	New stone revetment work with the required lead, lift, jelly backing and jelly wedging, etc., complete ..	C.yd.	1 12 0	700		
6a	Removing and resetting old stone work with new jelly backing and jelly wedging wherever necessary ..	,,	0 12 0	135		
7	Gravel backing	,,	0 8 0	221		
7a	New stone work in rear of breach with the required lead, lift, jelly backing and jelly wedging, etc., complete ..	,,	1 12 0	92		
8	Bailing out water from the breach and protective works for the breach during execution, etc.	L. S.	500 0 0			
9	Cutting grips in the breached gap and forming steps of the slopes on sides to have earth connections with old and new bund	L. S.	25 0 0			
10	Turfing to slopes of bund and watering till it is satisfactory	S.yd.	0 1 0	3,600		
11	Providing and fixing new grade stones on bed slabs with figures chistled and painted	Each	2 0 0	13		
12	Do do Index stones ..	,,	0 8 0	13		
13	Do do Reg. No. stone ..	,,	5 0 0	1		
14	Do do B. M. Stones ..	,,	3 0 0	2		
15	Do do Gauge stone including masonry around	,, ,,	15 0 0	1		
	Waste Weir at left end of Bund R. L. 50.00 and length 118 feet.					
1	Clearing thick bamboo bushes and removing roots, etc.	L. S.	100 0 0	..		
2	Earthwork excavation for foundation ..	C.yd.	0 4 0	9,659		
3	Stone jelly concrete in surki mortar ..	C.ft.	0 4 0	257		
4	Burnt brick in surki mortar	C.ft.	0 5 0	986		
5	Plastering with surki mortar ..	Sqr.	3 8 0	9.96		
6	Burnt stone slabs 6" thick dressed and fixed in mortar	S.ft.	0 6 0	635		
7	Rough stone work new with the required lead, lift, jelly backing and jelly wedging, etc., complete	C.yd.	1 12 0	97		
8	Turfing for the training bank and watering till it is satisfactory ..	S.yd.	0 1 0	480		
	Sluice at C. S. 4 Cill at R. L. 40.00.					
1	Earthwork excavation old bund and foundations	C.yd.	0 3 6	361		
2	Stone jelly concrete in surki mortar ..	C.ft.	0 4 0	231		
3	Burnt brick in surki mortar	,,	0 5 0	1,233		
4	Burnt stone slabs 6" thick dressed and fixed in mortar	S.ft.	0 6 0	81		
5	Do 3" thick do ..	,,	0 5 0	91		
6	Plastering with surki mortar ..	Sqr.	3 8 0	5.32		
7	Providing plug and rod with locking arrangements	L. S.	20 0 0	..		
8	Earthwork refilling the cut portion with watering and tamping, etc., complete.	C.yd.	0 3 6	269		
9	C. I. pipe 9" dia. (12' long each) including carting, fixing, etc., logging the joints	R.ft.	4 4 0	60		
10	Dismantling the existing revetment in front and reconstructing the same with 50 per cent new stones, jelly packing and jelly wedging, etc., complete	L. S.	47 0 0	..		

Notification dated 14th October 1938.

1. Sealed tenders will be received at the Office of the Executive Engineer, Bangalore Division, upto 2 P.M. on 10th November 1938, for improving the Government Middle School (Boys) at Channapatna by putting up two additional Rooms in the rear side.

2. Tenders in the prescribed form obtainable from the Office of the Executive Engineer, Bangalore Division, should be addressed to the Executive Engineer, Bangalore Division, in a sealed cover and superscribed as "Tender for improving the Government Middle School (Boys) at Channapatna by putting up two additional Rooms in the rear side." The name of the tenderer should also be superscribed on the top of the cover.

3. Each tender must be accompanied by a duplicate challan for having credited into the treasury the deposit of Rs. 100 (Rupees one hundred only) in cash or Government Promissory Notes or Mysore Government Bonds, duly endorsed at face value or market value, whichever is less, as earnest money. The earnest money of the successful tenderer will be retained as security deposit for due fulfilment of the contract. Such a deposit in cash will not carry any interest.

4. The tenders will be opened in the presence of such tenderers who wish to be present on 10th November 1938 at 3 P.M. The final acceptance of the tender will rest with the Executive Engineer, who does not bind himself to accept the lowest or any tender, or to assign any reason whatever for the rejection of any.

5. The name of the successful tenderer will be posted on the Notice Board in the Executive Engineer's Office in due course. Within eight days of the acceptance of the tender, the successful tenderer will be required to execute an agreement in the Departmental Schedule Contract form, for the due fulfilment of the contract and for the execution of all items of work in accordance with the Bombay Specifications (1931).

6. Failure to comply with the condition 5 above or to agree to carry out the work in accordance with the specifications and agreements in force will entail forfeiture of the earnest money.

7. The earnest money of rejected tenders will be returned on submission of the receipt originally granted, along with an application to the Executive Engineer.

8. Copies of contract documents, schedules and drawings may be seen at any time at the Executive Engineer's Office, Bangalore Division, on all working days, between 11 A.M. and 5 P.M. and may be obtained from that officer on payment of Rs. 3 for each.

9. Specific rates should be given for each item in the schedule accompanying the tender and the rates should be in rupees, annas and pies and expressed in words and figures. Tenders offering a percentage reduction on the estimate amount will be rejected.

10. Any rates or lumpsum amounts for the items not called for, if tendered by the tenderer, will not be taken notice of. The rates for such items may be entered in a separate schedule with date and reasons for the same.

11. No alterations which are made by the tenderers in the tender form in the nomenclature of the items of work will be recognised and if corrections are made, the tenders are liable to rejection.

12. There should be no alterations or erasures in the tenders in the rates of items and any corrections made in the rates should be attested to and the number of corrections, if any, in each page noted at the foot of the same by the tenderer.

13. No reference should be made to the Public Works Department schedule of rates.

14. In the event of the tender being submitted by a firm, it must be signed separately and severally by each member thereof or in the event of absence of any partner, it must be signed on his behalf by a person holding power-of-attorney authorising him to do so.

15. When once the rates tendered have been accepted, they will not be revised under any circumstances. In regard to items of work not tendered, the rates for the same will be calculated by the Executive Engineer on the basis of current rates for materials and labour with a contractor's profit of 5 per cent as may be approved by the Superintending Engineer. This shall be final and legally binding on the tenderer.

16. The quantities given in the schedule are only approximate and the drawings shown to the contractor are only tentative and are liable to alterations, omissions, deductions or additions, at the discretion of the Executive Engineer or his representative. The tendered rates will hold good for any quantity, whether higher or lower than those given in the enclosed schedule.

17. The work should be completed and handed over in a tidy condition to the Public Works Department by the end of December 1938, failing which the Executive Engineer may, at his discretion, levy a penalty of Rs.....per day which will ordinarily be calculated at 12 per cent per annum on the total outlay as liquidated damages for non-fulfilment of contract, and will be recovered from the contractor's outstandings for the period exceeded by him beyond the time fixed and until the work is completed and handed over.

18. In all matters of disputes of any kind not specially provided for in the agreement or of rates, penalties, measurements, quality of work, etc., the decision of the Chief or the Superintending Engineer shall be final and legally binding.

19. No claim for damages for delays caused by officers of the department in the execution of the work will be considered, whatever may be the reasons for such delays. Contractors should bear this in mind when tendering for the work. Extension of time due to delays caused by the departmental officers will, however, be considered on the merits of each case.

20. The contract should not be sublet.

21. All materials, tools and plant and machinery that will be supplied by the Executive Engineer in the interest of the work shall be accepted by the tenderer at the rates fixed by the Executive Engineer. The tenderer will pay the hire on tools and plant and machinery as per rules from the date of taking over of such machinery, tools and plant from the Stores to the date of return thereto, the dates considered being the dates of acknowledgments of the vouchers in each transaction.

22. The contractor should arrange for the payment of royalty and tolls.

Note.—(*a*) The contractor should at his own cost—

(1) Provide rods, stakes, ropes and labour required in setting out the works.
(2) Provide all necessary scaffolding, centering labour and appliances for hoisting.
(3) Provide mortar mills and sheds to keep materials under cover and also for workmen.
(4) Arrange for protecting work during inclement weather.
(5) Supply requisite temporary lights, water cisterns, water pumps and hoses, sieves, parahs, shoring, strutting and other requisite protective appliances during the progress of the work.
(6) Supply all water required for work and workmen and shall provide temporary latrines and drains.
(7) Clean away all dirt, rubbish, superfluous materials and debris as they accumulate.
(8) Provide arrangements for pumping and baling of water from excavations and foundations, wherever and whenever necessary with his own pumping apparatus, including necessary leading drains, slump pits, etc.
(9) Afford facilities to any other parties employed upon the work by the P. W. D., so that their work may proceed during the progress of the contract and give such persons the use of ordinary scaffolding and ladders.
(10) The contractor is responsible for all accidents to workmen, etc., on the work and he must take precaution against all risk of accidents and if necessary, provide for the same by insurance at the proper time.

Note.—(*b*) It is the business of the contractor to make his own arrangements for quarries and supplies of materials.

Abstract estimate for improving the Government Middle School (Boys) at Channapatna by putting up two additional rooms in rear side.

Serial No.	Items of work	Unit	Rate	Quantity	Rate to be quoted in	
					Figures	Words
			Rs. a. p.		Rs.	Rs.
1	Earthwork excavation for foundation and filling in basement with watering and tamping, etc., complete ..	C.yd.	0 3 0	38		
2	Stone jelly concrete in lime mortar 1 : 2 : 4	C.ft.	0 3 0	352		
3	Size stone in clay with bond stones at every 6′ apart in each layer ..	,,	0 3 3	760		
4	Burnt brick in clay with bond stones at corners, etc.	,,	0 3 0	1,006		
5	Burnt brick in mortar	,,	0 4 0	325		
6*a*	Burnt stone slabs 6″ thick, dressed and fixed in mortar	S.ft.	0 5 0	194		
6*b*	Burnt stone slabs 3″ thick, dressed and fixed in mortar	S.ft.	0 4 0	188		
7	Teakwood pannelled door of $3\frac{1}{2}' \times 6\frac{1}{2}'$ with frame $3\frac{1}{2}'' \times 5''$ and $1\frac{1}{2}''$ wide shutters including all iron fittings such as, bolts, clamps, hinges, handles and lock and key including two coats of lack factory green paint, etc. ..	S.ft.	1 12 0	92		
8	Teakwood windows with frame $3'' \times 5''$ and pannelled shutters of $1\frac{1}{4}''$ thick and iron bars of $\frac{3}{4}''$ thick including clamps, hinges and bolts, etc., complete with two coats of silicate painting	S.ft.	1 12 0	136		

Serial No.	Items of work	Unit	Rate	Quantity	Rate to be quoted in	
					Figures	Words
			Rs. a. p.		Rs.	Rs.
9	Teakwood ventilators with iron bars and glazed shutters of $1\frac{1}{4}$" thick including 2 coats of silicate painting	S.ft.	1 10 0	46		
10	Teakwood wrought and put up with two coats wood-oiling, etc.	C.ft.	4 8 0	89·54		
11	Roofing with 1st class Mangalore Tiles on teak reepers with two coats of wood-oiling to the reepers ..	Sqr.	23 0 0	10·56		
12	Ridge Tiles set in cement mortar with cement pointing	R.ft.	0 7 0	44		
13	Flooring with $1\frac{1}{2}$" of cement concrete over 3" of stone jelly concrete in lime mortar and 1" of cement plaster mixed with red ochre and finished smooth with lines cut to tile pattern	Sqr.	22 0 0	6·00		
14	Plastering with mortar $\frac{3}{4}$" thick ..	,,	2 12 0	27·72		
15	White washing two coats	,,	0 3 9	32·24		
16	Colour washing outside	,,	0 4 9	12·76		
17	Mortar bands over roof including plastering, etc., complete	R.ft.	0 4 0	44		
18	Cement pointing to basement ..	Sqr.	3 0 0	1·80		
19	Providing and fixing cave boards of teakwood 1" thick	R.ft.	0 8 0	140		
20	Providing and fixing ventilating tiles..	No.	1 12 0	8		
21	Dismantling the existing wall for fixing a door	C.ft.	0 0 6	92		
22	Cement concrete slab below door ..	,,	0 10 0	2		

N. LAKSHMINARASIMHAIYA,
Executive Engineer.

OFFICE OF THE EXECUTIVE ENGINEER, JOG FALLS PROJECT DIVISION, (Camp) BANGALORE.

Notification dated 12th October 1938.

1. Sealed tenders in triplicate will be received at the Office of the Executive Engineer, Jog Falls Project Division, (Camp) Bangalore, superscribed with the name of the work mentioned below.

2. The plans connected with the work may be seen at the office of the undersigned at all working hours. The copy, if required, will be made available on payment of Rs. 3 per set.

3. The tenders should be drawn up strictly in conformity with the specifications furnished, writing out the rates at which each item of work will be executed in figures as well as in words, failing which no cognisance will be taken of the tender. No items other than those noted in the statement should be included as the items cover provision for all sundries, repairs to damaged masonry and painting.

4. The materials to be used on the work should be of best quality conforming to the specifications of this department and B. S. or A. I. E. E. specification. Mention should also be made of the manufacture and the catalogue numbers of the materials offered. Teakwood planks to be used on the work should be free from knot, cracks and well seasoned. No planks less than 12" in width will be permitted to be used unless it is to make up the difference in size of the board required. Only the lap joints should be adopted in all cases. Lamp holders, ceiling roses, control switches, covers, etc., should be of reinforced bakelite material.

5. The undersigned reserves the right to reject the tenders without assigning any reasons therefor.

6. The successful tenderer will be required to deposit an earnest money of Rs. 220 (Rupees Two hundred and twenty only) and execute an agreement within a week from the date of intimation of acceptance of the tender. He should send samples of all the materials required for the work mounted on a board and start the work after obtaining the approval of the undersigned with regard to the same and carry out the wiring following the rules of this department as well as that of the Institution of Electrical Engineers. He should also be prepared to adopt any change in the location of control points and other outlets that might be suggested by the undersigned during the progress of the work without extra cost if the tender is not materially affected by such deviations.

7. The undersigned reserves the right also to reject the work either in full or in part if he finds the work not carried out in terms of the specifications or is otherwise dissatisfied with the workmanship.

8. *Name of work.*—Installing electric lights, etc., to the Inspection Bungalow, European Kitchen, Indian Kitchen and running over head lines and installing ornamental lamp posts for yard lighting at Jog

9. *Last date for receiving tenders.*—31st October 1938, 3 P.M.